

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1.- 4. (Canceled)

5. (Currently Amended) ~~The power supply circuit according to claim 1, A~~
power supply circuit, comprising:

a controlled switch having a first state in which a connection is provided from a battery to a load, and a second state in which the load is disconnected from the battery,
wherein the controlled switch is implemented as a disable switch of a voltage regulator and

control circuitry for controlling the state of the controlled switch the control circuitry, configured to be disconnected from the battery when the controlled switch is in its second state.

6. (Currently Amended) The power supply circuit according to claim [[1]] 5, wherein the control circuitry is adapted to monitor the battery voltage and switch the controlled switch to its second state when a voltage below a predefined reference value is detected.

7. (Currently Amended) The power supply circuit according to claim [[1]] 5, arranged to supply power to a mobile telephone.

8-11. (Canceled)

12. (Currently Amended) ~~The power supply circuit according to claim 1, A~~
power supply circuit, comprising:

a controlled switch having a first state in which a connection is provided from a battery to a load, and a second state in which the load is disconnected from the battery,

control circuitry for controlling the state of the controlled switch the control circuitry, configured to be disconnected from the battery when the controlled switch is in its second state, wherein the control circuitry further comprises a micro-controller configured to control the controlled switch.

13. (Currently Amended) The power supply circuit of claim [[1]] 12, wherein the ~~control circuitry~~ micro-controller further comprises a microprocessor configured to control the controlled switch.

14. (Currently Amended) The power supply circuit of claim [[1]] 12, wherein the ~~control circuitry~~ micro-controller is integrated with a battery.

15. (Currently Amended) The power supply circuit of claim [[1]] 12, wherein the ~~control circuitry~~ micro-controller is integrated with a mobile telecommunications device.

16. (Currently Amended) The power supply circuit of claim [[1]] 12, wherein the ~~control circuitry~~ micro-controller is integrated with a mobile terminal device.

17.-18. (Canceled)

19. (Currently Amended) ~~The power control circuit of claim 3,~~ A power supply circuit, comprising:

a controlled switch having a first state in which a connection is provided from a battery to a load, and a second state in which the load is disconnected from the battery,

control circuitry for controlling the state of the controlled switch the control circuitry, configured to be disconnected from the battery when the controlled switch is in its second state; and

a back-up power storage source for supplying power to the control circuitry, when the controlled switch is in its second state, wherein the back-up power storage is a capacitor.

20. (Canceled)